

FIG. 1B



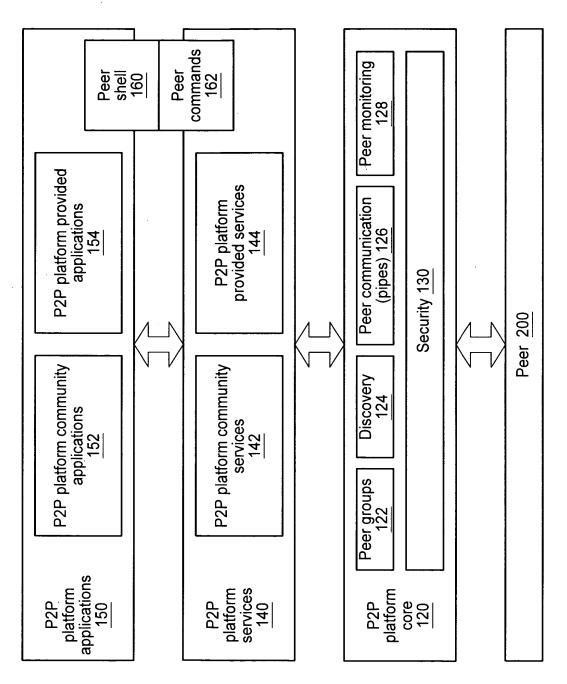


FIG. 2



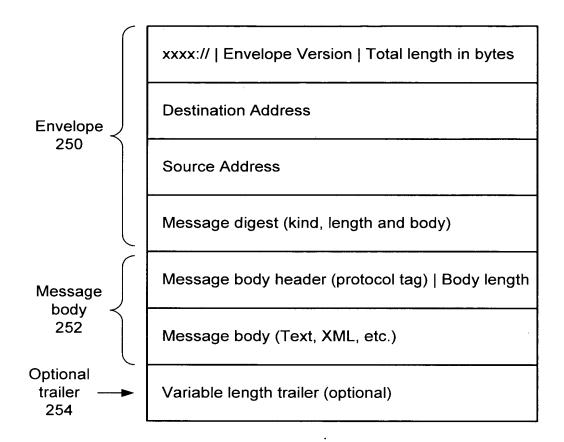
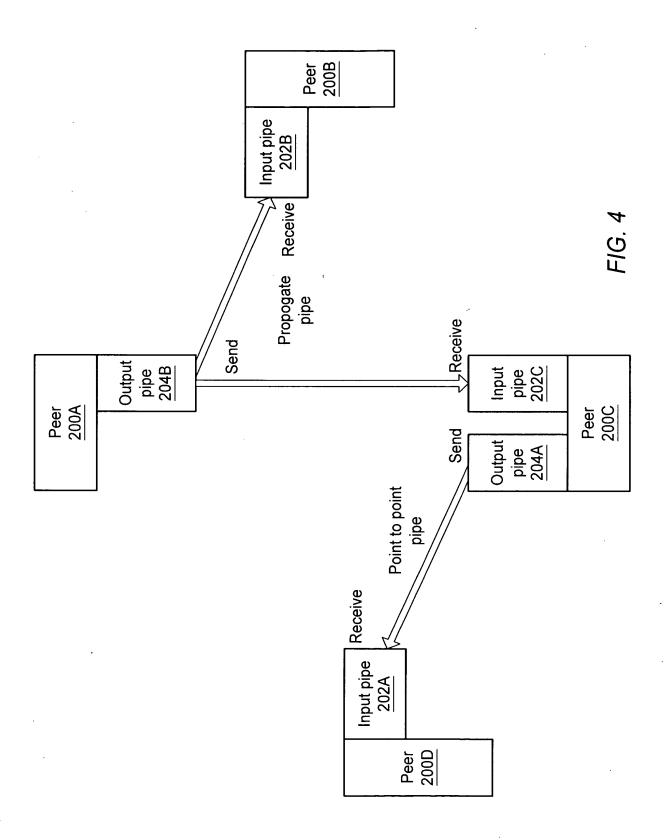


FIG. 3







128 bit UUID of Peer Group	Length of Remainder	Unique name within the group (A byte array)
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FIG. 5

Element Name (A String)	Element Value Type
Name	<string></string>
Keywords	<string></string>
Properties	<properties></properties>
Service	<pre><service advertisement[]=""> (an array)</service></pre>
Endpoint	<endpoint advertisement[]=""> (an array)</endpoint>

FIG. 6

Element Name (A String)	Element Value Type
Name	<string></string>
Keywords	<string></string>
GroupID	<id></id>
PeerID	<id></id>
Service	<service advertisement[]=""> (an array)</service>

FIG. 7



Element Name (A String)	Element Value Type	
Name	<string></string>	
Identifier	<id></id>	
Туре	<string></string>	

FIG. 8

Element Name (A String)	Element Value Type
Name	<string></string>
Keywords	<string></string>
Identifier	<id></id>
Version	<string></string>
Pipe	<pipeadvertisement></pipeadvertisement>
Params	<string></string>
URI	<string></string>
Provider	<string></string>
Access Method	<method[]> (an array)</method[]>

FIG. 9



Element Name (A String)	Element Value Type
Mime-Type (Optional)	<string></string>
Size	Long
Encoding	<string></string>
ContentID	<id></id>
RefID (Optional)	<id></id>
Document	<document></document>

FIG. 10

Element Name (A String)	Element Value Type
Name	<string></string>
Keywords	<string></string>
Address	<string></string>
Transport	<transport advertisement=""></transport>

FIG. 11

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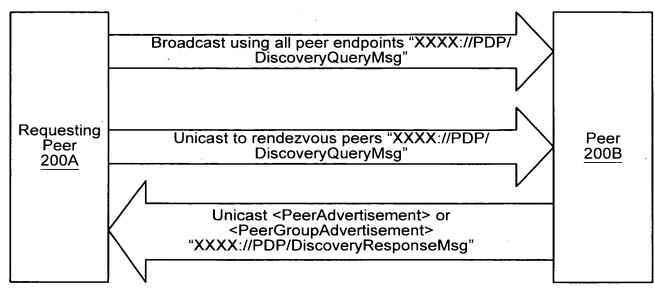


FIG. 12

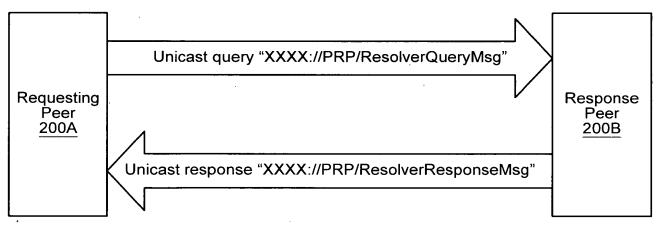


FIG. 13

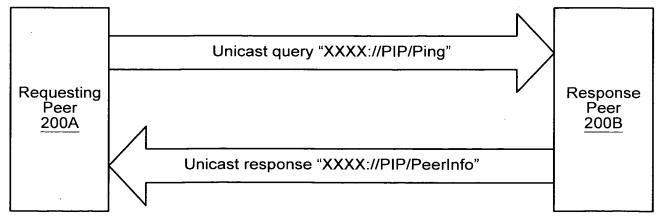


FIG. 14



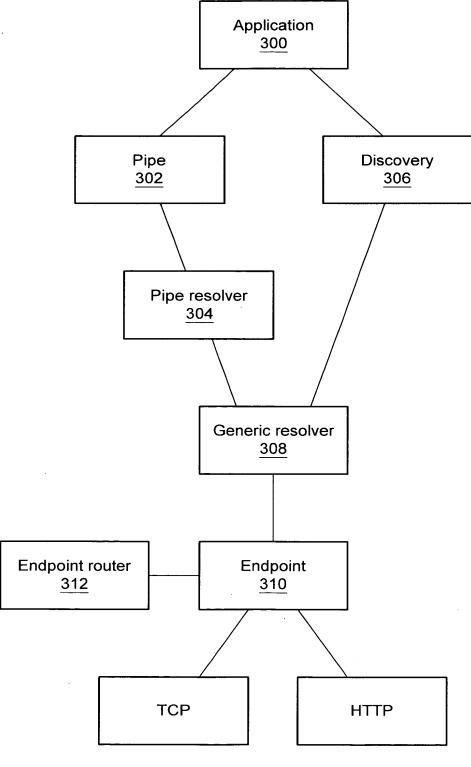
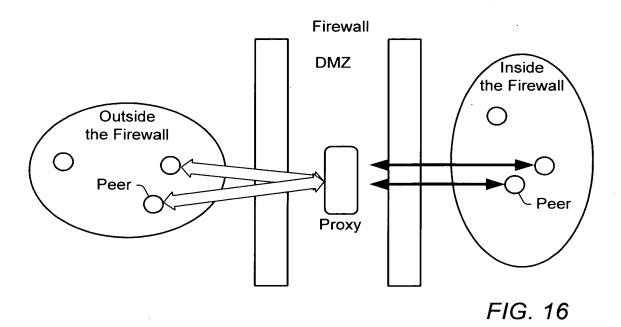


FIG. 15





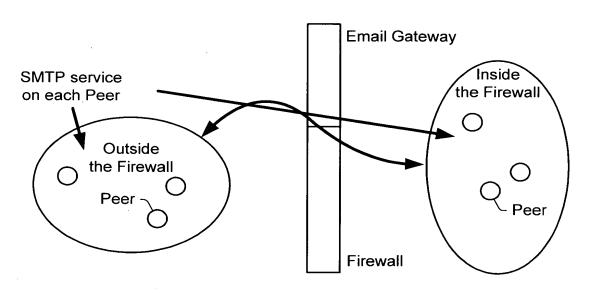
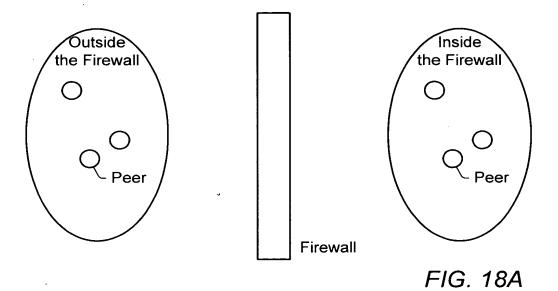
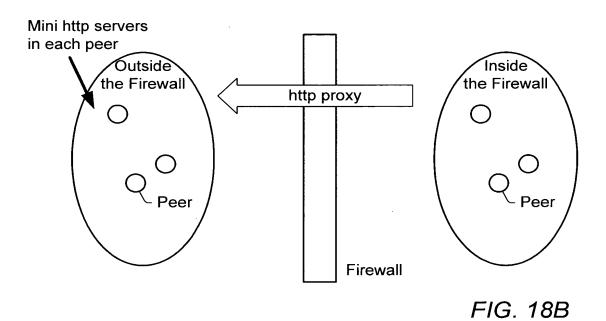


FIG. 17









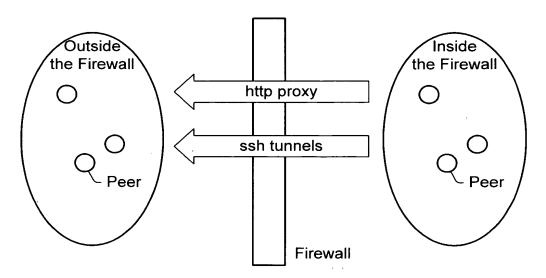


FIG. 18C

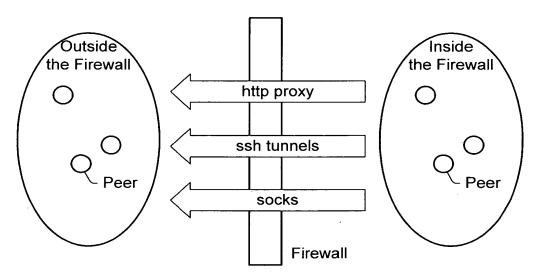
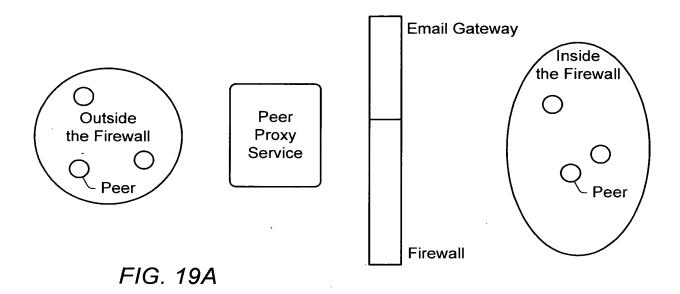
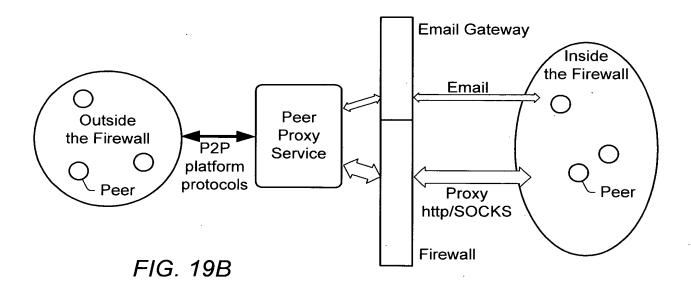


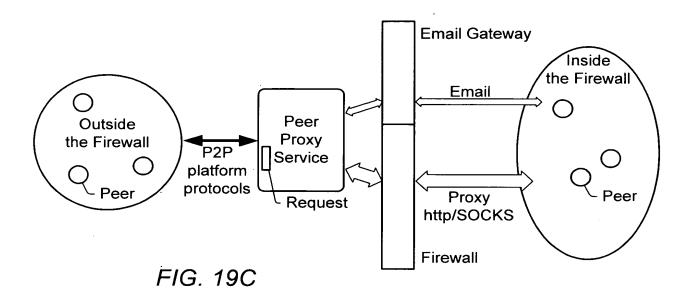
FIG. 18D

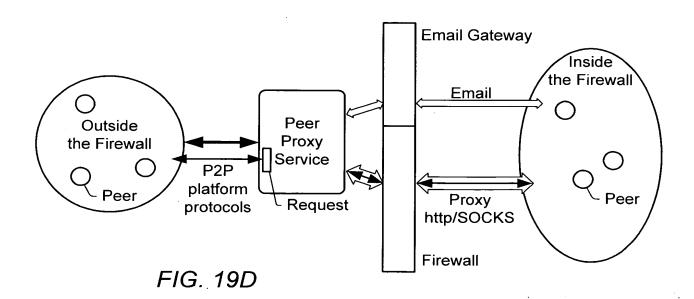




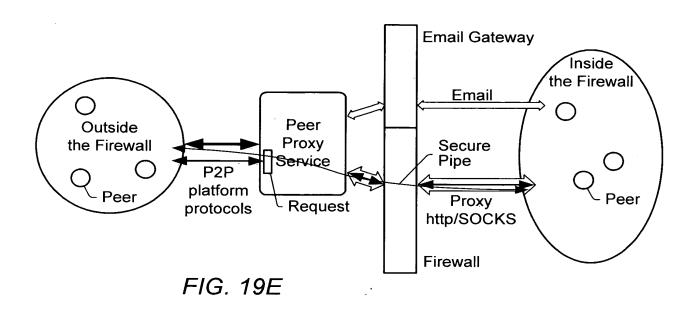




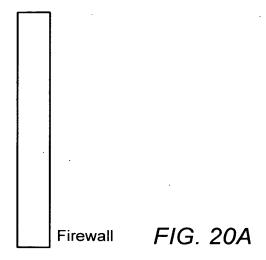


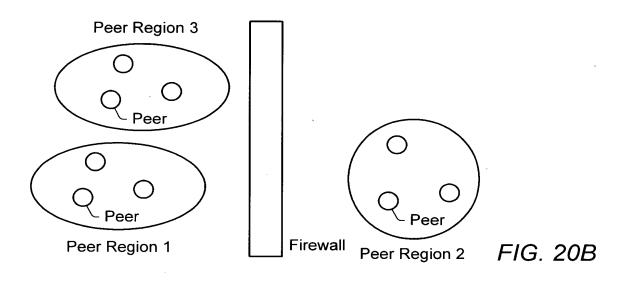


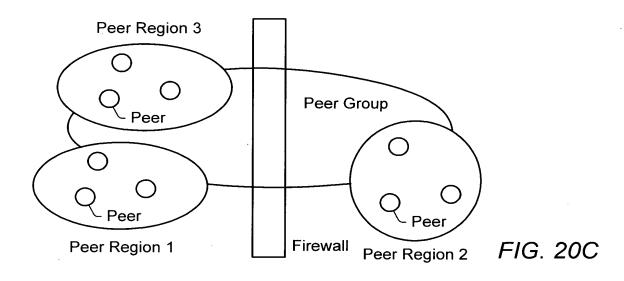




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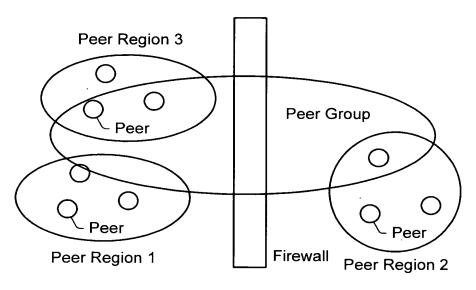
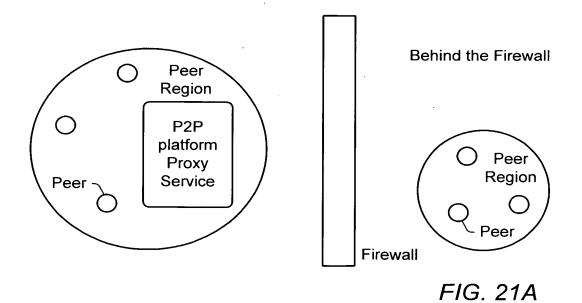


FIG. 20D





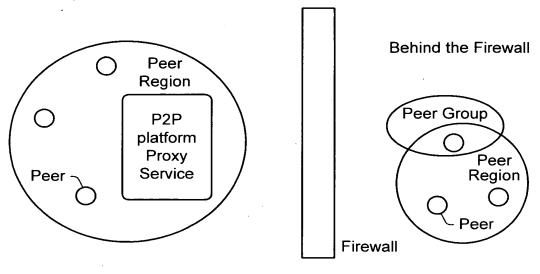


FIG. 21B

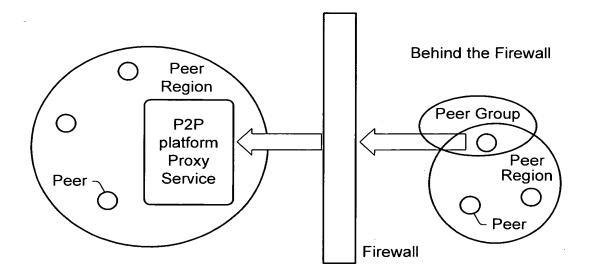


FIG. 21C



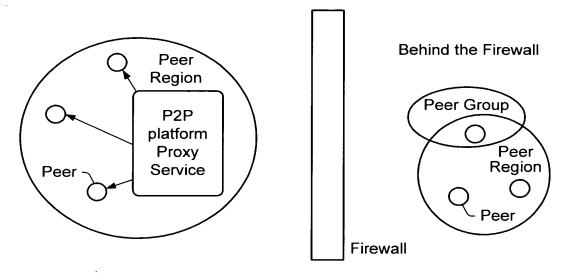


FIG. 21D

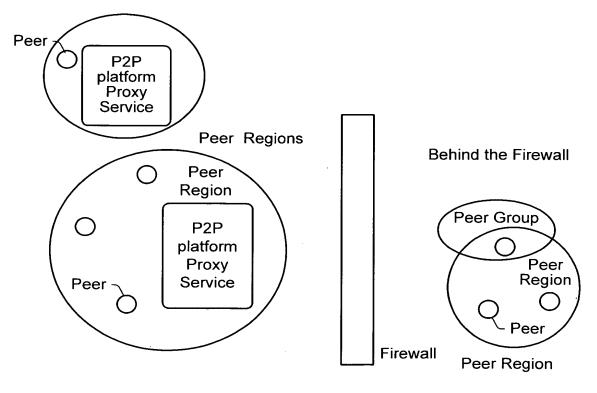
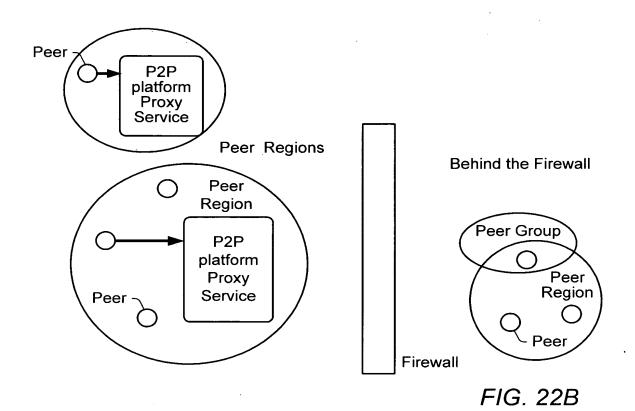


FIG. 22A





Peer P2P platform Proxy Service Peer Regions Behind the Firewall Peer Group P2P platform Proxy Peer. Region Service Peer - Peer Firewall

FIG. 22C



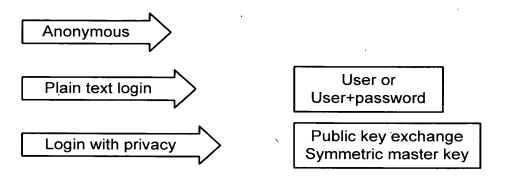


FIG. 23

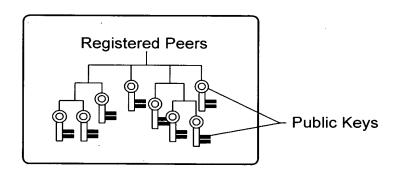
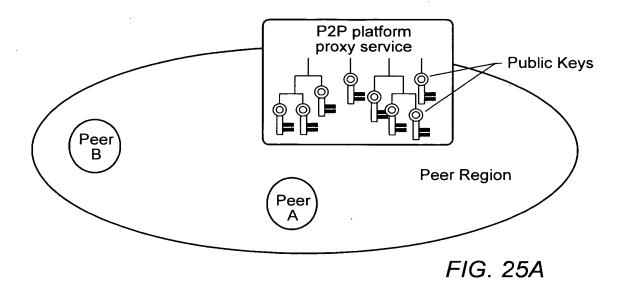
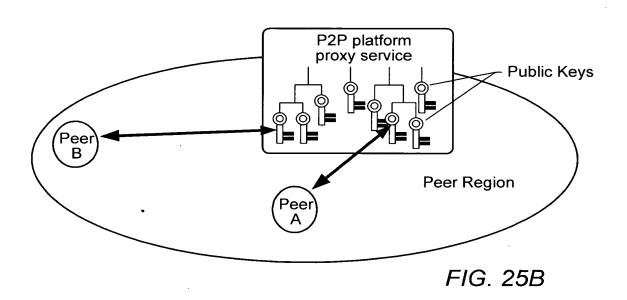


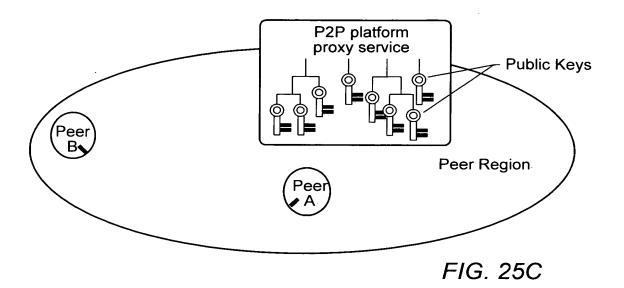
FIG. 24

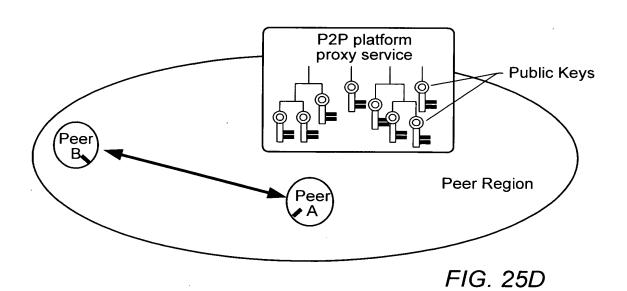














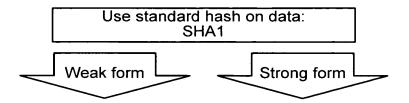
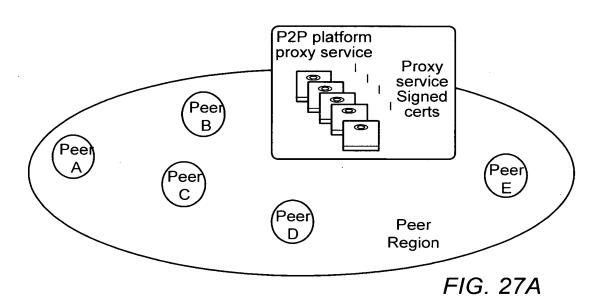


FIG. 26





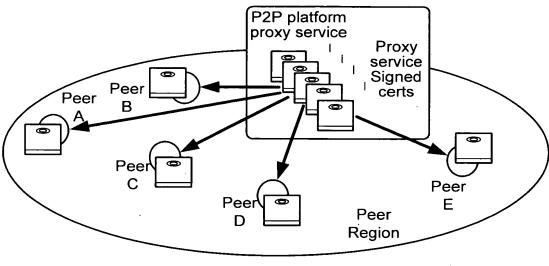


FIG. 27B

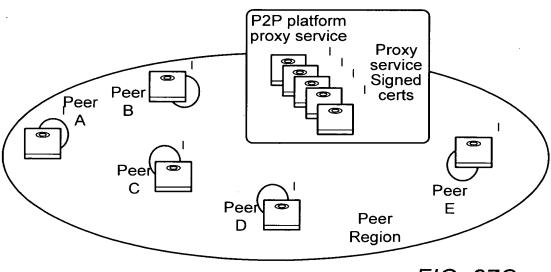


FIG. 27C



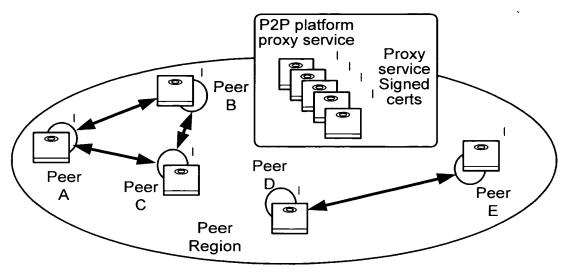
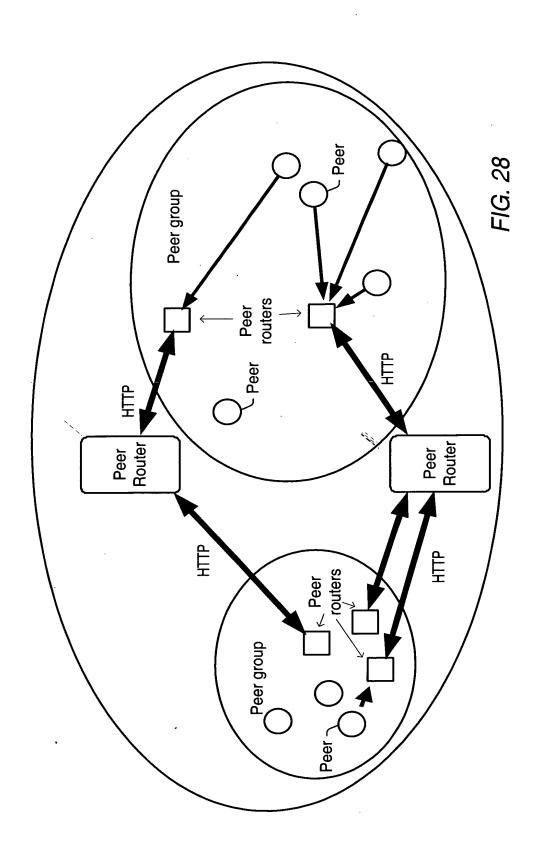


FIG. 27D







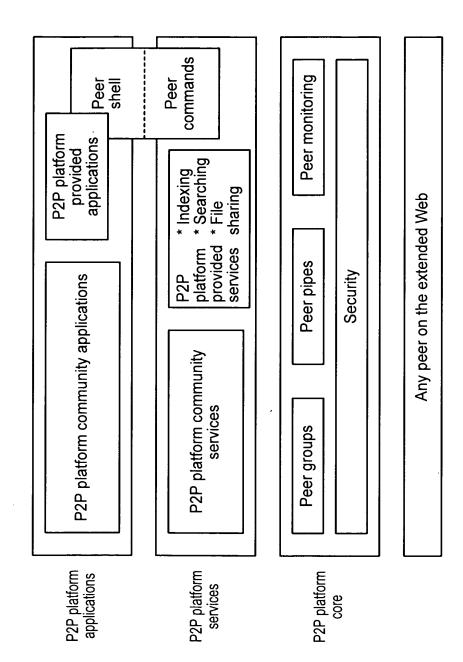
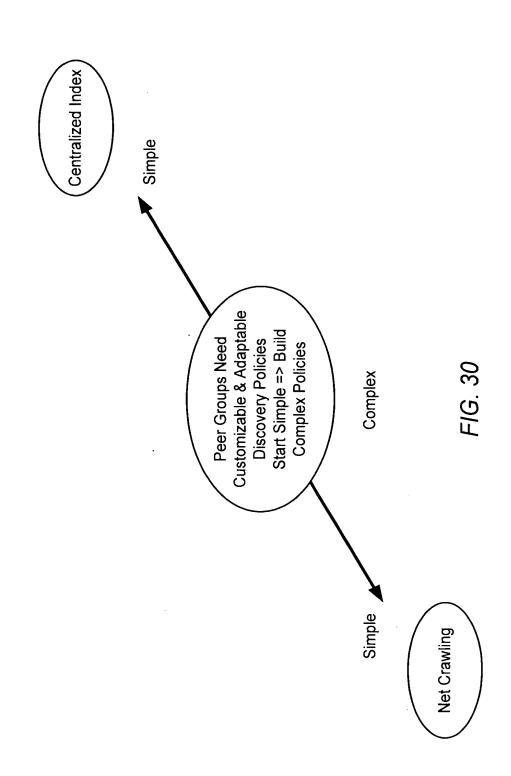
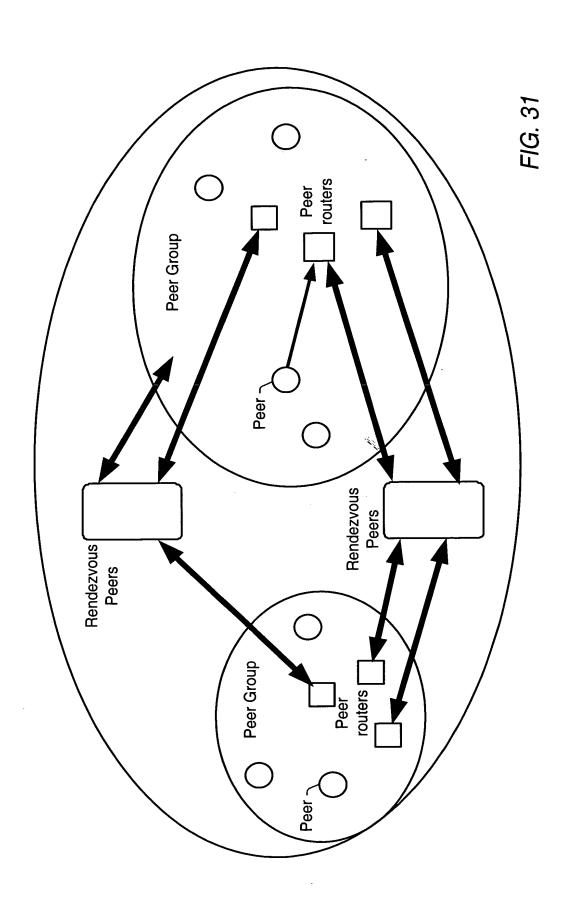


FIG. 29

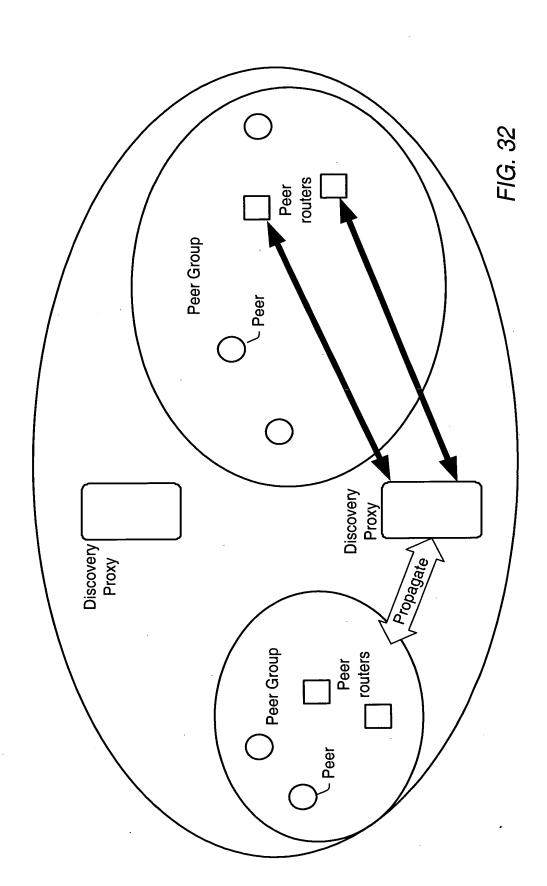












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